



2121

PATENT  
Attorney Docket No. 12472US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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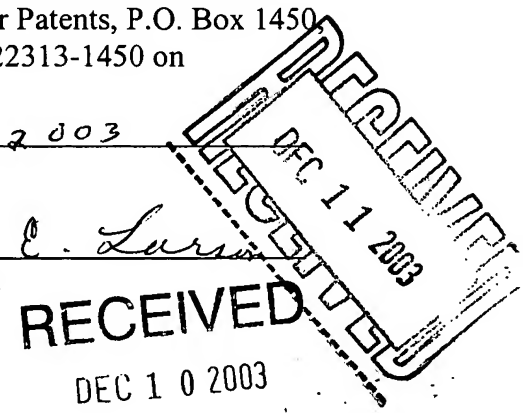
In the Application of: )  
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Dunne, et al. )  
 )  
Serial No. 10/075,145 )  
 )  
Filed: 02/14/2002 )  
 )  
For: AUDIO ENHANCEMENT )  
COMMUNICATION TECHNIQUES )  
 )  
Examiner: Not yet assigned )  
 )  
Group Art Unit: 2121 )

**CERTIFICATE OF MAILING**

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DEC. 4, 2003

Ronald E. Larson  
Ronald E. Larson  
Reg. No. 24,478



DEC 10 2003  
Technology Center 2100

**TRANSMITTAL OF SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
AFTER APPLICATION FILING DATE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**ENCLOSURES**

Enclosed are the following:

- \* A completed PTO form 1449 (modified) which has one (1) page.
- \* A copy of each printed or patented reference listed in the enclosed form 1449 and not previously provided to or by the PTO in this application. Three (3) references are enclosed.
- \* A copy of an International Search Report for the PCT/International application, No. PCT/US03/02122, dated October 3, 2003, corresponding to the above application.

## FEE DETERMINATION

\* No fee is believed to be due because:

- \* The applicant(s) believe(s) that this statement and enclosures are being filed before the first Office action on the merits has been mailed by the PTO. The basis of this belief is that no Office action on the merits appears to have been received by the undersigned to date.
- \* In accordance with 37 CFR §1.97(e), each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this statement.

## FEE PAYMENT

The following arrangements have been made to pay the fees calculated above:

- \* No fee is believed to be due.

The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

## REQUEST FOR CONSIDERATION

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above. The Examiner is requested to initial both copies of the enclosed PTO-1449 (modified) and return one copy to the applicants to indicate consideration of the enclosed references.

Respectfully submitted,

Dated: DEC. 4, 2003

Ronald E. Larson  
Ronald E. Larson  
Reg. No. 24,478  
Attorney for applicant

McAndrews, Held & Malloy, Ltd.  
34th Floor  
500 West Madison Street  
Chicago, IL 60661  
(312) 775-8000



PTO/SB/08A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/075,145
Filing Date	02/14/2002
First Named Inventor	Bruce E. Dunne
Group Art Unit	2121
Examiner Name	not yet assigned
Attorney Docket Number	12472US01

**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	5,896,449	04/20/1999	Oshidari et al.	Claims 1-26, 32-57, 63-88, 94-119
	A2	6,125,120	09/26/2000	Lehtimaki	Column 8, line 5 – column 10, line 23 Abstract Claims 1,2,32,33,63,64,94, and 95
	A3	6,466,624	10/15/2002	Fogg	Column 8, lines 9-42 Abstract
	A4				
	A5				
	A6				

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	A7					

**OTHER ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A8	
	A9	
	A10	
	A11	
	A12	

EXAMINER SIGNATURE	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Rev. Sept. 03

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